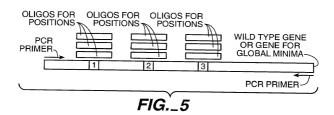


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FIG._3



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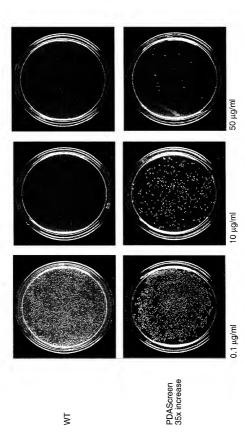


FIG._4

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STEP 1: SET UP 3 PCR REACTIONS:

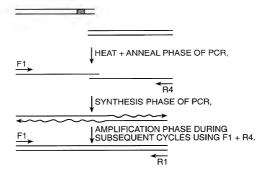
PRODUCTS:

TUBE 1:

TUBE 2:

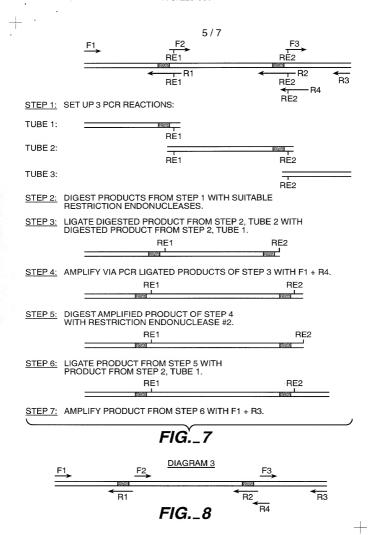
TUBE 3: _____

STEP 2: SET UP PCR REACTION WITH PRODUCTS OF TUBE 1 + PRODUCTS TUBE 2 + F1 + R4.



STEP 3: REPEAT STEP 2 USING PRODUCT FROM STEP 2 + PRODUCT FROM STEP 1, TUBE 3 + PRIMERS F1 + R3.





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Amplification Scheme Based on M13 Single Stranded Template

		<i>≻FIG.</i> _9 <i>B</i>				
ired Product ycles	Percent Desired Product in Total Product		%00'0	25.00%	20.00%	68.75%
Numerical Progression of Desired Product with Increasing PCR Cycles	Undesired Products and Residual Template	1	2	3	4	5
	Desired Product		0	-	4	11
	PCR Cycles	-	2	3	4	5

	81.25%	89.06%	93.75%	96.48%	%50'86	98.93%	99.41%	%89.66	88.83%	99.91%	99.95%	%26.66	%66'66	%66'66	100.00%
	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20
	26	25	120	247	205	1013	2036	4083	8178	16369	32752	62219	131054	262125	524268
•	9	7	8	6	10	Ξ	12	13	14	15	16	17	18	19	20

